

INTERNATIONAL SEARCH REPORT

ational Application No
/GB2004/001186

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B5/0456

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|----------------------------|
| Y | US 4 223 678 A (LANGER ALOIS A ET AL) 23 September 1980 (1980-09-23) * abstract * column 2; figures 1-3 --- | 1-10, 18, 19, 21 |
| Y | WO 01/73394 A (MILLS ALEXANDER K ;STONE ROBERT T (US); KINDERLIFE INSTR INC (US)) 4 October 2001 (2001-10-04) page 7 -page 8 --- | 1-10, 18, 19, 21 |
| Y | US 6 070 097 A (BAHNER KATHLEEN J ET AL) 30 May 2000 (2000-05-30) column 4, paragraph 5 --- | 6, 9, 10, 18, 19 |
| A | US 2003/023178 A1 (BISCHOFF EDWARD T ET AL) 30 January 2003 (2003-01-30) page 5 -page 6 --- | 1-10, 18, 19, 21 -/- |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

23 July 2004

Date of mailing of the International search report

03/08/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| A | US 6 236 882 B1 (LEE BRIAN B ET AL) 22 May 2001 (2001-05-22) * whole document * ----- | 1-10, 18, 19, 21 |
| A | US 6 223 072 B1 (BELSKY ZIV ET AL) 24 April 2001 (2001-04-24) * whole document * ----- | 1-10, 18, 19, 21 |

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International application No.
PCT/GB2004/001186

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: **11-17, 20, 22**
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT – Diagnostic method practised on the human or animal body
2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

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national Application No

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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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| US 4223678 | A | 23-09-1980 | NONE | | | |
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| US 6236882 | B1 | 22-05-2001 | NONE | | | |
| US 6223072 | B1 | 24-04-2001 | AU 4776700 A EP 1311190 A2 WO 0074552 A2 US 6233487 B1 US 2001031925 A1 US 6597952 B1 | | 28-12-2000 21-05-2003 14-12-2000 15-05-2001 18-10-2001 22-07-2003 | |